

NOV 07 2003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	MACKEN ET AL.		
Serial No.:	10/607,894	Examiner:	UNKNOWN
Filed:	JUNE 27, 2003	Group Art Unit:	2652
Title:	NEGATIVE THERMAL EXPANSION DIELECTRICS FOR THERMAL POLE TIP PROTRUSION COMPENSATION		
Docket:	STL11064.00/30874.143USU1		

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application, all powers of attorney previously given are hereby revoked and the following practitioners/patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Shawn B. Dempster, Registration No. 34,321	Raghunath S. Minisandram, Registration No. 38,683
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David K. Lucente, Registration No. 36,202	Joseph F. Villella, Jr., Registration No. 30,599
Jesus Del Castillo, Registration No. 51,604	Brendan Hanley, Registration No. 52,429

And members of the firm of Merchant & Gould P.C.

Ali, M. Jeffer	Reg. No. 46,359	Hope, Leonard J.	Reg. No. 44,774
Altera, Allan G.	Reg. No. 40,274	Hornsby, III, Alton	Reg. No. 47,299
Anderson, Gregg I.	Reg. No. 28,828	Jacobson, Charles A.	Reg. No. 53,061
Batzli, Brian H.	Reg. No. 32,960	Johns, Nicholas P.	Reg. No. 48,995
Beard, John L.	Reg. No. 27,612	Johnston, Scott W.	Reg. No. 39,721
Berns, John M.	Reg. No. 43,496	Kalinsky, Robert A.	Reg. No. 50,471
Blackburn, Murrell W.	Reg. No. 50,881	Kelly, Zachary J.	Reg. No. 53,108
Bortolotti, Rebecca	Reg. No. 51,488	Kettelberger, Denise	Reg. No. 33,924
Brown, Jeffrey C.	Reg. No. 41,643	Keys, Jeramie J.	Reg. No. 42,724
Bruess, Steven C.	Reg. No. 34,130	Knearl, Homer L.	Reg. No. 21,197
Burke, John E.	Reg. No. 35,836	Korver, Joshua W.	Reg. No. 51,894
Byrne, Linda M.	Reg. No. 32,404	Kowalchyk, Alan W.	Reg. No. 31,535
Clifford, John A.	Reg. No. 30,247	Kowalchyk, Katherine M.	Reg. No. 36,848
Cook, Jeffrey	Reg. No. 48,649	Lamberty, Michael	Reg. No. 50,760
Daignault, Ronald A.	Reg. No. 25,968	Larson, James A.	Reg. No. 40,443
Daley, Dennis R.	Reg. No. 34,994		
Daley, William J.	Reg. No. 52,471		
Daulton, Julie R.	Reg. No. 36,414		
DeVries Smith, Katherine M.	Reg. No. 42,157		
DiPietro, Mark J.	Reg. No. 28,707		
Doscotch, Matthew A.	Reg. No. 48,957		
Edell, Robert T.	Reg. No. 20,187		
Epp Ryan, Sandra	Reg. No. 39,667		
Fitzsimmons, Karen A.	Reg. No. 50,470		
Gadiano, Christina M.	Reg. No. 37,628		
Golla, Charles E.	Reg. No. 26,896		
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Gotfredson, Garen J.	Reg. No. 44,722		
Gould, John D.	Reg. No. 18,223		
Gregson, Richard	Reg. No. 41,804		
Gresens, John J.	Reg. No. 33,112		
Haack, John L.	Reg. No. 36,154		
Hamre, Curtis B.	Reg. No. 29,165		
Hennings, Mark	Reg. No. 48,982		
Hertzberg, Brett A.	Reg. No. 42,660		
Hillson, Randall A.	Reg. No. 31,838		

Lauer, Deakin T.	Reg. No. 47,892	Scull, Timothy B.	Reg. No. 42,137
Leach III, Thomas J.	Reg. No. P-53,188	Sebald, Gregory A.	Reg. No. 33,280
Leonard, Christopher J.	Reg. No. 41,940	Skoog, Mark T.	Reg. No. 40,178
Lewis, George C.	Reg. No. 53,214	Sorge, Keith M.	Reg. No. 50,865
Liepa, Mara E.	Reg. No. 40,066	Stewart, Alan R.	Reg. No. 47,974
McDonald, Daniel W.	Reg. No. 32,044	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
McIntyre, Jr., William F.	Reg. No. 44,921	Strouse, Thomas J.	Reg. No. 53,950
Mueller, Douglas P.	Reg. No. 30,300	Sullivan, Timothy	Reg. No. 47,981
Nelson, Anna M.	Reg. No. 48,935	Swenson, Erik G.	Reg. No. 45,147
Parsons, Nancy J.	Reg. No. 40,364	Trembath, Jon R.	Reg. No. 38,344
Paul, Daniel M.	Reg. No. 40,123	Underhill, Albert L.	Reg. No. 27,403
Peterson, Kyle T.	Reg. No. 46,989	Vidovich, Kristin K.	Reg. No. 41,448
Phillips, John B.	Reg. No. 37,206	Wahl, John R.	Reg. No. 33,044
Pino, Mark J.	Reg. No. 43,858	Welter, Paul A.	Reg. No. 20,890
Qualey, Terry	Reg. No. 25,148	Wier, David D.	Reg. No. 48,229
Randall, Joshua N.	Reg. No. 50,719	Williams, Douglas J.	Reg. No. 27,054
Reich, John C.	Reg. No. 37,703	Withers, James D.	Reg. No. 40,376
Reiland, Earl D.	Reg. No. 25,767	Wong, Bryan A.	Reg. No. 50,836
Schmaltz, David G.	Reg. No. 39,828	Xia, Tim Tingkan	Reg. No. 45,242
Schuman, Mark D.	Reg. No. 31,197	Zeuli, Anthony R.	Reg. No. 45,255
Schumann, Michael D.	Reg. No. 30,422		

CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

Merchant & Gould P.C.
P.O. Box 2903
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STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC
(Assignee of Entire Interest)

Oct 21, 2003
Date


Paul T. Dietz, Registration No. 38,858
SEAGATE TECHNOLOGY LLC
7801 Computer Avenue South
Bloomington, Minnesota 55435-5489
Telephone No. 952-402-8585
Fax No. 952-402-8187

ASSIGNMENT

WHEREAS, we, Declan Macken, residing at 14572 Rosewood Road N.E., Prior Lake, Minnesota 55372; Jeremy Adam Thurn, residing at 4158 Rahn Road #5, Eagan, Minnesota 55122; Mallika Kamarajugadda, residing at 5220 Lincoln Drive #327, Edina, Minnesota 55436, and Michael Christopher Kautzky, residing at 4143 Cashell Glen, Eagan, Minnesota 55122 are the inventors of an invention entitled NEGATIVE THERMAL EXPANSION DIELECTRICS FOR THERMAL POLE TIP PROTRUSION COMPENSATION that is the subject matter of

☒ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Serial No. 60/419,924, filed October 21, 2002;

☒ an application for Letters Patent, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 10/607,894, filed June 27, 2003; and

☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving office by Application No. , filed on ; and

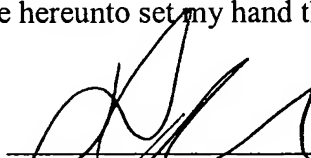
WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under and by virtue of the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95067 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and serial numbers of the application when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We and our executors or administrators will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference litigation or proceeding.

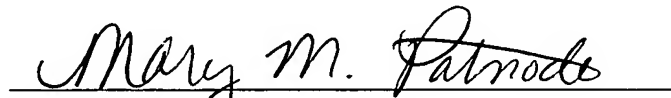
IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of October, 2003.

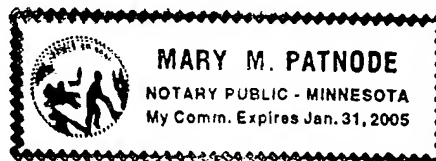

Declan Macken

STATE OF Minnesota)
)ss:
COUNTY OF Hennepin)

On this 14th day of October, 2003, before me personally appeared Declan Macken to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of October, 2003.

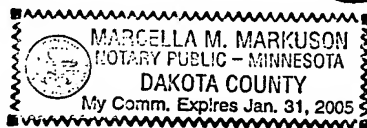



Jeremy Adam Thurn

STATE OF Minnesota)
)ss:
COUNTY OF Hennepin)

On this 13th day of October, 2003, before me personally appeared Jeremy Adam Thurn to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

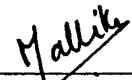
[SEAL]





Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of October, 2003.

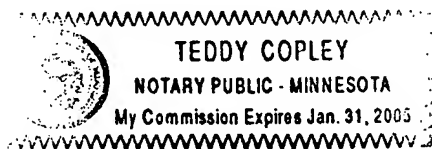


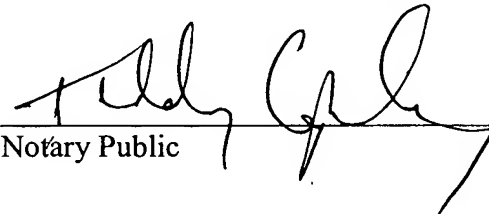
Mallika Kamarajugadda

STATE OF MINNESOTA)
)ss:
COUNTY OF HENNEPIN)

On this 8th day of October, 2003, before me personally appeared Mallika Kamarajugadda to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]





Notary Public

October, 2003.

Michael Christopher Kautzky

STATE OF MINNESOTA)

COUNTY OF HENNEPIN)

On this 9th day of OCTOBER 2003, before me personally appeared Michael Christopher Kautzky to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

